



## Software Project Management - Estimation and Project Planning - Microsoft Project (http://www.microsoft.com/ office/project/)

## Estimation & Project planning

Two of the most important factors in the outcome of a software project are upfront planning and estimation.

Statistics show over 66% of projects aren't delivered on time, on budget or to expected quality.

Improper estimation of a project deadline will lead to an equally improper estimate of the resources needed.

Consequently, improper estimation can affect a company's relationship with its customer.

It is important that the management team and the software development team maintain communication.

It is easier to accurately predict estimates when everyone involved is aware of and understands what must be done.

## Microsoft Project



Microsoft Project is a project management software program, which is designed to assist a project manager in developing a plan, assigning resources to tasks, tracking progress, managing the budget, and analyzing workloads.

Project creates budgets based on assignment work and resource rates. As resources are assigned to tasks and assignment work estimated, the program calculates the cost, equal to the work times the rate, which rolls up to the task level and then to any summary tasks and finally to the project level.